

The 34th Dokkyo International Forum

Carbon Neutral, Housing, Building and Cities

カーボンニュートラルと住宅、建築物、都市

December 8 - 9, 2023

Friday,
December 8, 2023,
17:30 - 19:30 (JST)

Session 1

“Carbon Neutral, Housing and Building”

What Policies are Required for
the Environmental Value of Houses
and Buildings to be Reflected
in Market Prices?

Saturday,
December 9, 2023,
13:30 - 15:00 (JST)

Session 2

“Carbon Neutral and Green Finance”

What is Required for
Development of Green Finance?

Saturday,
December 9, 2023,
15:30 - 17:00 (JST)

Session 3

“Carbon Neutral and Cities”

Urban Structure and
Carbon Neutral

Venue : Only Online
Languages : Japanese, English
(with simultaneous interpretation)

Participation fee : Free (Registration required)

Capacity : 500

Hosted by International Center and Faculty of Economics of
Dokkyo University

Under auspices of Ministry of Land, Infrastructure, Transport
and Tourism, Saitama Prefecture, Soka City, Japan Productivity
Center and Dokkyo University Alumni Association

Earth Week Dokkyo - 2023 Winter - Related Events

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visit here for registration



Carbon Neutral, Housing, Building and Cities

Coordinator: Prof. Toru Kurahashi, Dean, Faculty of Economics, Dokkyo University

Purpose

At the 21st Conference of Parties of the United Nations Framework Convention on Climate Change (COP21), the Paris Agreement was reached with the aim of “holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels.”

The Government of Japan has set its 2030 GHG emission reduction target at 46 percent from its 2013 levels, an ambitious target which is aligned with the long-term goal of achieving net-zero by 2050. On the other hand, CO2 emissions of real estate sector (business sector and residential sector) account for one-third of total CO2 emissions in Japan, and are still on an increasing trend (Ministry of Land, Infrastructure, Transport and Tourism website), and efforts in the field of housing, building and cities are required.

In the field of housing and building, efforts are necessary to encourage the use of ZEH (Net Zero Energy House) and ZEB (Net

Zero Energy Building) and the renovation of existing stocks. On June 13, 2022, the Act on the Improvement of Energy Consumption Performance of Buildings was revised.

In terms of finance, green bonds have been issued by Japan Housing Finance Agency. The Green Transformation Strategy of the Government raises development of domestic market for green finance as an issue.

In the field of cities, G7 Sustainable Urban Development Ministers’ Meeting was held in July, 2023 in Takamatsu, Kagawa, Japan. In the Communique, such issues as “green and blue space and infrastructure in cities”, “land use and urban transformation”, “transport, mobility and walkability”, and “integration of land use policy and transport policy” were raised.

This international forum aims to exchange views over carbon neutral in the field of housing, building and cities and consider ways to promote relevant policies and international cooperation.

Program

Friday, December 8, 2023 17:30 - 19:30 (JST)

Session 1 “Carbon Neutral, Housing and Building”

What Policies are Required for the Environmental Value of Houses and Buildings to be Reflected in Market Prices?

Timetable	17:30	Opening remarks Asahiko Yamaji President, Dokkyo University
	17:40	Lecture: Green Building and its evaluation in market in UK Prof.Franz Fuerst Department of Land Economy, University of Cambridge
	18:30	Break
	18:40	Report: Green Building and its evaluation in market in Japan Prof. Chihiro Shimizu Faculty of Data Science, Hitotsubashi University
	18:50	Report: Creation of MOCXION(condomium made of wood)—An endeavor to implement decarbonized society Mr.Akeshi Yoda Rented Housing Promotion Lead, Rented Housing Promotion Division, Facility Business Headquarters, Mitsui Home Co.,Ltd.
	19:00	Report: Policies Related to evaluation of Green Building in Japan Mr. Toshimitsu Nii Director of Real Estate Market Division, Land Economy and Construction Industries Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	19:10	Discussion
	19:30	Close

Saturday, December 9, 2023, 13:30 - 15:00 (JST)

Session 2 “Carbon Neutral and Green Finance”

What is Required for Development of Green Finance?

Timetable	13:30	Lecture: What is Required for Development of Green Finance? Prof.Sayuri Shirai Faculty of Policy Management, Keio University and former member of the Policy Board, Bank of Japan
	14:00	Report: Housing Finance and Green Finance in Japan Mr.Masahiro Kobayashi Advisor, Nippon Life Insurance Company and former Executive Advisor of Japan Housing Finance Agency
	14:20	Report: A New Sustainable Ecosystem for Housing Finance Mr.Luca Bertalot Secretary General, European Mortgage Federation and European Covered Bond Council
	14:40	Discussion
	15:00	Break

Saturday, December 9, 2023, 15:30 - 17:00 (JST)

Session 3 “Carbon Neutral and Cities”

Urban Structure and Carbon Neutral

Timetable	15:30	Lecture: Carbon Neutral and Cities Prof.Sachihiko Harashina President, Chiba University of Commerce and President, Japan Association for Real Estate Sciences
	16:00	Report: Compact City and Carbon Neutral Mr.Shinya Murai Deputy Department Director, Vibrant City Development Department, City of Toyama
	16:20	Report: 20-Minute Neighborhoods and Carbon Neutral Ms.Nicki Colls Climate Partnership and Advocacy Lead, Starategy Planning Climate, Climate Change&City Resilience, City of Melbourne
	16:40	Discussion
	16:55	Closing remarks Hiroko Maezawa Director of International Center, Dokkyo University